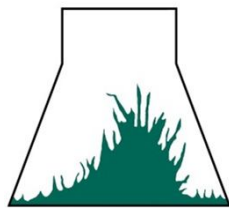




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Life Technologies India brings to you *PhytoTechnology* Laboratories (USA) products, which are the Gold Standard of Plant Tissue Culture Industry, since decades.



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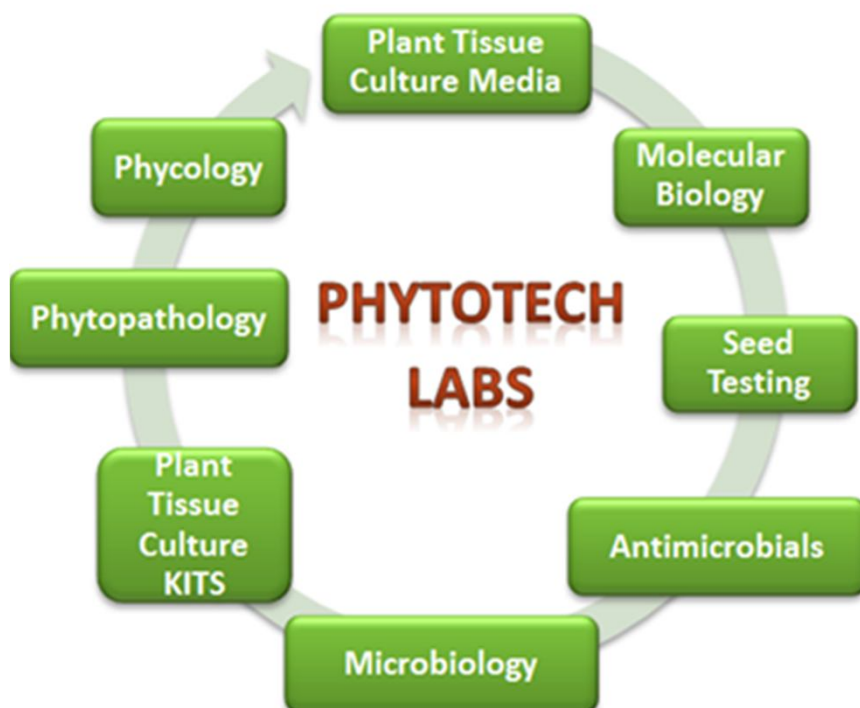
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Life Technologies (India) Pvt. Ltd., an **ISO 9001:2008** company provides products & services to Life Science Research, Industrial Biotech & Bio-Pharma sectors in India & overseas markets to Academic, Govt. & Corporate entities. We offer the most comprehensive spectrum of test kits for the **detection of plant pathogens** for the Agriculture stakeholders.

Life Technologies India Pvt. Ltd. feels proud in recently collaborating with **PhytoTechnology Laboratories** which is an industry leader with **75 years** of plant tissue culture research, product development, media manufacturing and testing experience. It is a world-class supplier of media and plant tissue culture tested biochemicals and supplies to the plant scientists.

- **ISO 9001:2008 certified** laboratories
- **Custom manufacturing** of a number of media either as a dry powder or liquid medium
- **Batch sizes vary** from 100L to 40,000L
- All media are prepared according to **cGMP standards**.



- **High-quality, expertly-manufactured plant tissue culture media (both powder media and sterile solutions)**
- **All media are manufactured according to cGMP guidelines and in adherence with ISO 9001:2008 standards**
- **The raw materials used in media manufacture meet USP or ACS specifications**
- **Lot-to-lot consistency and high purity**



Murashige and Skoog Media (MS)

Murashige & Skoog Basal Medium with Vitamins, M519
Murashige & Skoog Basal Medium with Vitamins & 1.0 g/L MES, M5531
Murashige & Skoog Basal Medium with Vitamins & Sucrose, M5501
Murashige & Skoog Basal Medium with Vitamins, Sucrose, & Gelzan, M5825
Murashige & Skoog Basal Medium with Vitamins, Glucose, & Sucrose, M5707
Murashige & Skoog Basal Salt Mixture w/ Vitamins, van der Salm Modification, M5642
Murashige & Skoog Modified Basal Medium with BA, NAA and sucrose, M401
Murashige & Skoog Basal Medium w/ Vitamins with MES, M530
Murashige & Skoog Modified Basal Medium with LS Vitamins and Adenine Sulphate, M535
Murashige & Skoog Modified Basal Medium with Sodium Phosphate and Ferric Sodium EDTA, M541
Murashige & Skoog Modified Medium (Arabidopsis Culture Medium) with 2,4-D and Kinetin, M550
Murashige Begonia Multiplication Medium with Ferric Sodium EDTA, M701
Murashige & Skoog Basal Medium with Modified Adenine Hemisulfate, Sodium Phosphate, 2iP, IAA, Sucrose, and Thiamine, M702
Murashige & Skoog Modified Basal Medium with Gamborg Vitamins, M404
Murashige & Skoog Modified BC Potato Medium, M516
Murashige & Skoog Modified Multiplication Medium, M555
Murashige African Violet/Gloxinia Multiplication Medium, M517
Murashige African Violet/Gloxinia Pretransplant Medium, M518
Murashige Fern Multiplication Medium, M508
Murashige Gerbera Multiplication Medium, M509
Murashige Modified Kalanchoe Multiplication Basal Medium, M511
Murashige Modified Basal Multiplication Medium, M536
Murashige Modified Gerbera Pretransplant Basal Medium, M510
Murashige Modified Kalanchoe Pretransplant Basal Medium, M512
Murashige Modified Multiplication Medium, M527
Murashige Modified Shoot Multiplication Basal Medium, M491
Musa (Banana) Multiplication Medium, M462

Vitamin Formulations

Gamborg Vitamin Powder (1000X), G249
Murashige & Skoog Modified Vitamin Powder (1000x), M547
Murashige & Skoog Vitamin Powder (1000x), M533
Nitsch & Nitsch Vitamin Powder (1000x), N608
Schenk & Hildebrandt Vitamin Powder (100x), S826
Chu N6 Vitamin Solution (1000x), C149
Eriksson Vitamin Solution (1000X), E330
Gamborg Vitamin Solution (1000X), G219
Kao & Michayluk Vitamin Solution (100x), K421
Morel & Martin Vitamin Solution (100x), M587
Morel & Wetmore Vitamin Solution (100x), M592
Murashige & Skoog Modified Vitamin Solution (1000x), M557
Murashige & Skoog Vitamin Solution (1000x), M553
Nitsch & Nitsch Vitamin Solution (1000x), N603
Staba Modified Vitamin Solution (100x), S743



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General Media	General Media
Anderson Basal Salt Mixture,A267	Kao & Michayluk Basal Salt Mixture,K413
Arabidopsis Germination Medium,A1375	Kao & Michayluk Modified Basal Salt Medium,K427
Banana AGS Basal Medium,B144	Linsmaier & Skoog Basal Medium,L689
Blaydes Basal Medium,B514	Linsmaier & Skoog Modified Basal Medium,L477
Broadleaf Tree Basal Medium,B1396	Linsmaier & Skoog Modified Basal Medium w/ Sucrose,L473
Cape Sundew/Venus Fly Trap Multiplication Medium,C206	Linsmaier & Skoog Modified Basal Medium w/ Sucrose & Agar,L467
Cape Sundew/Venus Fly Trap Pretransplant Basal Medium,C216	Linsmaier & Skoog Modified Basal Medium w/ Sucrose & Agar , pH Adjusted & Buffered,L452
Carnivorous Plant (Nepenthes) Basal Salt Mixture,C1935	Litvay Basal Salt Mixture,L546
Carrot Callus Initiation Basal Medium,C212	Lloyd & McCown Woody Plant Basal Medium with Vitamins,L449
Carrot Shoot Development Basal Medium,C222	Lloyd & McCown Woody Plant Basal Mixture,L154
Chee & Pool C2D Vitis Medium,C287	Lloyd & McCown Woody Plant Modified Basal Salt Mixture,L444
Chu's N6 Basal Medium with Vitamins,C167	NB Basal Medium,N492
Chu's N6 Basal Salt Mixture,C416	Nitsch & Nitsch Basal Medium with Vitamins,N616
DCR Basal Salt Mixture,D146	Nitsch & Nitsch Basal Salt Mixture,N613
De Greef & Jacobs Basal Medium,D2206	Nitsch & Nitsch Vitamin Solution (1000x),N603
DKW Basal Medium with 10 g/L Sucrose,D191	NLN Basal Medium,N479
DKW Basal Medium with 30 g/L Sucrose,D189	Parker Thompson Fern Basal Salt Mixture,P713
DKW Basal Salt Mixture,D190	PhytoTech Spathiphyllum Medium,P6647
DKW Medium with Vitamins,D2470	Quoirin & Lepoivre Basal Salt Mixture,Q673
Economou & Read Basal Medium,E575	Rose Modified Initiation Basal Medium,R756
EXS III Basal Salt Mixture without Adenine,E337	Rose Modified Multiplication Basal Medium,R757
EXS IIIa(TM) Basal Medium with Adenine,E333	Rose Modified Rooting Basal Medium,R758
Gamborg B-5 Basal Medium,G398	Rugini Olive Medium,R7100
Gamborg Basal Salt Mixture (B-5 Salts),G768	Schenk & Hildebrandt Basal Salt Mixture,S816
Gresshoff & Doy Basal Medium,G371	Schenk & Hildebrandt Modified Basal Medium,S808
Heller Basal Salt Mixture,H393	Schenk & Hildebrandt Modified Basal Medium w/ Sucrose, w/o Vitamins,S811
Hoagland Modified Basal Salt Mixture,H353	Schenk & Hildebrandt Modified Basal Medium w/ Vitamins & Sucrose,S813
Hosta Initiation/Multiplication Medium,H435	Schenk & Hildebrandt Modified Basal Salt Mixture,S806
Hosta Initiation/Multiplication Medium II, H3959	TM4 Basal Medium,T7954
Hosta Multiplication Medium,H436	TM4 Basal Salts,T8024
Hosta Rooting Medium,H437	Tobacco Modified Callus Initiation Medium,T856
	Tobacco Modified Root Initiation Medium,T861
	Tobacco Modified Shoot & Root Medium,T867
	Tobacco Modified Shoot Multiplication Basal Medium,T864



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Crop specific Media	Orchid Media
Murashige & Skoog Modified BC Potato Medium, M516	BG-11 (Blue-green) Medium Solution 50x, B1411
Murashige African Violet/Gloxinia Multiplication Medium, M517	BM-1 Terrestrial Orchid Medium with Agar, B141
Murashige African Violet/Gloxinia Pretransplant Medium, M518	BM-1 Terrestrial Orchid Medium without Agar, B138
Murashige Fern Multiplication Medium, M508	BM-2 Terrestrial Orchid Medium with Agar, B142
Murashige Gerbera Multiplication Medium, M509	BM-2 Terrestrial Orchid Medium without Agar, B470
Murashige Modified Gerbera Pretransplant Basal Medium, M510	Fast Orchid Medium, F522
Murashige Modified Kalanchoe Multiplication Basal Medium, M511	H1 Oat Medium, O612
Murashige Modified Kalanchoe Pretransplant Basal Medium, M512	H2 Oat Medium, O622
Banana AGS Basal Medium, B144	Ichihashi New Phalaenopsis (NP) Medium, I365
Musa (Banana) Multiplication Medium, M462	Knudson C Modified Plus Orchid Medium, K425
Murashige Modified Cattleya Orchid Multiplication Medium with IAA, IBA, NAA, M507	Knudson C Orchid Medium, K400
Hosta Initiation/Multiplication Medium, H435	Lindemann Orchid Basal Medium, L472
Hosta Multiplication Medium, H436	Malmgren Modified Terrestrial Orchid Medium, M482
Hosta Rooting Medium, H437	Malmgren Modified Terrestrial Orchid Medium, M534
Hosta Initiation/Multiplication Medium II, H3959	Malmgren Orchid Medium, M551
	Mitra Replate/Maintenance Medium, M579
	Murashige Modified Cattleya Orchid Multiplication Medium, M507
	Orchid Maint/Replate Medium with Banana & Charcoal, without Agar, O156
	Orchid Maintenance/Replate Medium with Banana, Charcoal, & Agar, P748
	Orchid Maintenance/Replate Medium without Charcoal & Agar, O139
	Orchid Maintenance Medium with Charcoal & Agar, P658
	Orchid Maintenance Medium with Charcoal, without Agar, P668
	Orchid Multiplication Medium, O753
	Orchid Multiplication Medium without Charcoal & Agar, P793
	Orchid Seed Sowing Medium, P723
	Orchid Seed Sowing Medium II, P727
	PhytoTech Orchid Replate Medium with Sucrose, P781
	PhytoTech Orchid Replate Medium with Sucrose & Gelling Agent, P782
	Phytotech Orchid Replate Medium with Sucrose, Banana, & Gelling Agent, P785
	PhytoTech Phalaenopsis Replate Medium, P656
	Terrestrial (Cypripedium) Orchid Medium, T842
	Terrestrial (Cypripedium) Orchid Medium, 400 mg/L Calcium Nitrate & 400 mg/L Casein, T839
	Terrestrial (Cypripedium) Orchid Medium, 400 mg/L Calcium Nitrate, without Casein, T849
	Vacin & Went Modified Orchid Basal Salt Mixture, V505
	Vacin & Went Modified Orchid Medium with Agar & Sucrose, V895
	Vacin & Went Modified Orchid Medium without Sucrose, V882
	Vacin & Went Orchid Medium with Sucrose, V891
Phycology Media	
BG-11 (Blue-green) Medium, B1511	
BG-11 (Blue-green) Medium Solution 50x, B1411	
Bold's Basal Medium (BBM), B1675	
Bold's Basal Medium (BBM) Solution 50x, B1650	
f/2 Guillard's Marine Enriched Seawater, F3222	
f/2 Guillard's Marine Enriched Seawater without Silicate, G3454	
Sueoka's High Salt Medium (HSM), S7668	
TAP (Tris-Acetate-Phosphate) Medium, T8224	
TAP (Tris-Acetate-Phosphate) Solution (1x), T8050	

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Microbiology Media

Bacteria Screening Medium 523, B129
 Corn Meal Agar, C442
 Czapek-Dox Agar, C506
 Czapek-Dox Broth, C443
 Hanahan's Broth (SOB Medium), H289
 King's B Medium, K5013
 L&W Sterility Test Medium, L476
 LB Agar, Lennox L Modification, L5128
 LB Agar, Miller Modification, L465
 LB Broth, Lennox L Modification, L5138
 LB Broth, Lennox L Modification (ADP Free), L5190
 LB Broth, Miller Modification, L475
 LB Broth Solution with Glycerol, Lennox L Modification (1x), L591
 LB Broth Solution, Lennox L Modification (1x), L585
 LB Broth Solution, Miller Modification (1x), L301
 Malt Extract Agar, M498
 Malt Extract Agar with Glucose and Maltose, M5506
 Malt Extract Broth, M484
 mD5A Medium, M5516
 Nutrient Agar, N601
 Nutrient Broth, N611
 Oatmeal Agar, O606
 Peptone Water (1x), P632
 Peptone Water, Buffered (1x), P732
 Potato Dextrose Agar, P772
 Potato Dextrose Broth, P762
 Sabouraud Dextrose Broth, S7536
 SOC Medium Solution (1X), S657
 Sordaria Crossing Agar, S7478
 Terrific Broth, T760
 Terrific Broth Solution with Glycerol (1x), T754
 Tris EDTA Buffer Solution (10x), pH 8.0, T752
 Tryptic Soy Broth, T7900
 Tryptic Soy Broth, Type II, T8000
 XTS Medium, X8454
 Yeast Extract Beef (YEB) Broth, Y8575
 Yeast Malt Broth, Y8488
 Yeast Mannitol Agar (YMA), Y8935
 Yeast Mannitol Broth (YMB), Y8930
 YEP (Yeast Extract Peptone) Medium, Y889
 YEP Broth, Y8565
 YEP Medium (ADP-Free), Y8480

Molecular Biology Media

Hanahan's Broth (SOB Medium), H289
 LB Agar, Lennox L Modification, L5128
 LB Agar, Miller Modification, L465
 LB Broth, Miller Modification, L475
 Nutrient Agar, N601
 Nutrient Broth, N611
 Potato Dextrose Agar, P772
 Potato Dextrose Broth, P762
 Terrific Broth, T760
 Tryptic Soy Broth, T7900
 Yeast Extract Beef (YEB) Broth, Y8575
 YEP (Yeast Extract Peptone) Medium, Y889
 LB Broth Solution, Miller Modification (1x), L301
 SOC Medium Solution (1X), S657

Phytopathology Media

Bacteria Screening Medium 523, B129
 Corn Meal Agar, C442
 Czapek-Dox Agar, C506
 Czapek-Dox Broth, C443
 King's B Medium, K5013
 L&W Sterility Test Medium, L476
 LB Agar, Lennox L Modification, L5128
 LB Agar, Miller Modification, L465
 LB Broth Solution, Miller Modification (1x), L301
 mD5A Medium, M5516
 Oatmeal Agar, O606
 Potato Dextrose Agar, P772
 Potato Dextrose Broth, P762
 Saline Solution (0.85%) w/ 0.2% Tween® 20, S7775
 XTS Medium, X8454
 Yeast Mannitol Agar (YMA), Y8935
 Yeast Mannitol Broth (YMB), Y8930



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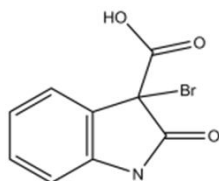
Plant Growth Regulators

Auxin
Auxindole™, A147
4-Bromophenoxyacetic Acid, B148
rho-Chlorophenoxyacetic Acid, C213
Dicamba, D159
Dicamba Solution (1 mg/mL), D165
2,4-Dichlorophenoxyacetic (2,4-D) Acid Solution (1 mg/mL), D295
2,4-Dichlorophenoxyacetic (2,4-D) Acid Solution (10 mg/mL), D309
Indole-3-Acetic Acid (IAA), I885
Indole-3-Butyric Acid (IBA), I538
Indole-3-Butyric Acid (K-IBA), I560
Indole-3-Butyric Acid Solution (1 mg/mL), I460
Indole-3-Propionic Acid (IPA), I409
Naphthaleneacetic Acid (K-NAA), N610
alpha-Naphthaleneacetic Acid (NAA), N600
alpha-Naphthaleneacetic Acid (NAA) Solution (1 mg/mL), N605
beta-Naphthoxyacetic Acid, N564
N-1-naphthylphthalamic Acid (NPA), N6250
Naphthaleneacetic Acid-Sodium Salt (Na-NAA), N5999
Picloram, P717

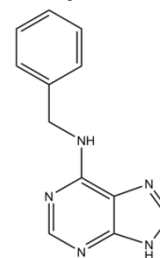
PGR Solutions
6-Benzylaminopurine (BA) Solution (1 mg/mL), B130
6-(gamma,gamma-Dimethylallylamino)purine Solution (1 mg/mL)-2iP, D217
Gibberellic Acid Solution (1 mg/mL), G198
Gibberellic Acid Solution (13 mg/mL), G362
Indole-3-Acetic Acid Solution (1 mg/mL), I364
Indole-3-Butyric Acid Solution (1 mg/mL), I460
Kinetin Solution (1 mg/mL), K483
meta-Topolin Solution (1 mg/mL), T7885
alpha-Naphthaleneacetic Acid (NAA) Solution (1 mg/mL), N605
Thidiazuron (TDZ) Solution (1 mg/mL in DMSO), T7999
Zeatin Riboside Solution (1 mg/mL), Z875
trans-Zeatin Solution (1 mg/mL), Z860

Cytokinins
Adenine, A120
Adenine Hemisulfate, A545
N6-Benzoyladenine, B151
6-Benzylaminopurine (BA), B800
6-Benzylaminopurine (BA) Solution (1 mg/mL), B130
4-CPPU, C279
6-(gamma,gamma-Dimethylallylamino)purine Solution (1 mg/mL);2iP, D217
6-(gamma,gamma-Dimethylallylamino)purine (2iP), D525
Indole-3-Acetic Acid Solution (1 mg/mL), I364
Indole-3-Butyric Acid Solution (1 mg/mL), I460
Kinetin, K750
Kinetin Solution (1 mg/mL), K483
meta-Topolin Solution (1 mg/mL), T7885
Thidiazuron (TDZ)-95% purity, T438
Thidiazuron (TDZ) Solution (1 mg/mL in DMSO), T7999
Thidiazuron (TDZ)- >98% Purity, T888
meta-Topolin, T841
trans-Zeatin, Z125
Zeatin Riboside, Z899
Zeatin Riboside Solution (1 mg/mL)Z875
trans-Zeatin Solution (1 mg/mL), Z860

Gibberellins
Gibberellic Acid, G500
Gibberellic Acid Solution (1 mg/mL), G198
Gibberellic Acid Solution (13 mg/mL), G362
Gibberellins A4 + A7, G358
Glycerol Phosphate Disodium, G3623



Other PGRs
(+/-) Abscisic Acid (ABA), A102
Ancymidol, A123
Bromoxynil, B155
Chlormequat Chloride, C207
trans-Cinnamic Acid, C283
Colchicine, C226
Dicamba, D159
Dicamba Solution (1 mg/mL), D165
Dikegulac, D297
24-Epibrassinolide, E244
Fluridone, F357
Flurprimidol, F376
Gibberellic Acid, G500
Gibberellic Acid Solution (1 mg/mL), G198
Gibberellic Acid Solution (13 mg/mL), G362
Gibberellins A4 + A7, G358
Glyphosate, G345
Keiki Paste, K424
Maleic Hydrazide, M494
Methyl Jasmonate (MeJA), J389
Oryzalin, O630
Paclobutrazol, P687
Phloroglucinol, P694
Prohexadione Calcium, P6847
Putrescine, P733
Spermidine, S837
Succinic Acid 2,2-Dimethylhydrazide, S746
Tetrazolium Blue Chloride, T8199
1-Triacontanol, T818
Trifluralin, T828
2,3,5-Triiodobenzoic Acid, T850
Trinexapac-Ethyl, T761

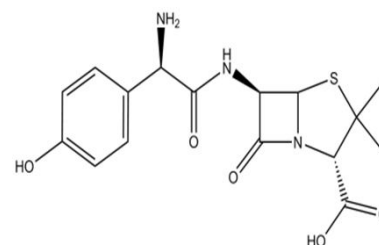
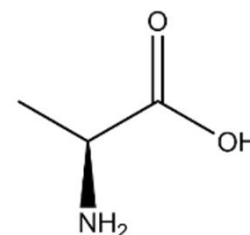


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Antimicrobials
Amoxicillin, A122
Ampicillin, A116
Amphotericin B, A119
Bacitracin Zinc, B132
Bialaphos Sodium Salt, B131
Bialaphos Solution (1 mg/mL), B1730
Carbendazim, C1888
Carbenicillin, C346
Carbenicillin Solution (100 mg/mL), C540
Carbenicillin Solution (250 mg/mL), C2046
Cefotaxime, C380
Cefotaxime Solution (100 mg/mL), C537
Cefotaxime Solution (250 mg/mL), C1880
Cephalexin, C1970
Cephalexin Solution (100 mg/mL), C2112
Chloramphenicol, C252
Chloramphenicol Solution (10 mg/mL), C2010
Cycloheximide, C1989
Erythromycin, E344
G418 Sulfate, G810
Gentamicin Solution (100 mg/mL), G3410
Gentamicin Solution (50 mg/mL), G3350
Gentamicin Sulfate, G570
Hygromycin B, H397
Hygromycin B Solution (100 mg/mL in Water), H385
Hygromycin B Solution (50 mg/mL in PBS), H370

Antimicrobials
Kanamycin, K378
Kanamycin Solution (100 mg/mL), K4751
Kanamycin Solution (50 mg/mL), K586
Kasugamycin Hydrochloride, K559
Meropenem Trihydrate, M5600
Neomycin Solution (50 mg/mL), N5967
Neomycin Sulfate, N584
Nystatin, N581
Paromomycin Sulfate, P710
Pentachloronitrobenzene (PCNB), P6737
Penicillin G, Sodium Salt, P777
PTC3, P6820
Polymyxin B, P6809
Ribavirin, R795
Rifampicin, R501
Spectinomycin-Dihydrochloride, S742
Streptomycin Sulfate, S739
Streptomycin Sulfate Solution (250 mg/mL), S7739
Tetracycline Hydrochloride, T859
Tetracycline Hydrochloride Solution (10 mg/mL) in DMSO, T7859
Timentin, T869
Timentin Solution (100 mg/mL), T767
Timentin Solution (50 mg/mL), T7869
Tobramycin Sulfate, T834
Vancomycin Hydrochloride, V870
Vancomycin Solution (100 mg/mL), V8370

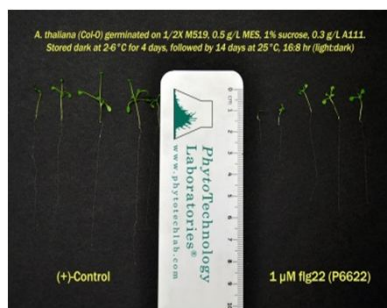
Amino Acids
L-Alanine, A121
Rho-Aminobenzoic Acid, A103
L-Arginine, A143
L-Asparagine, A107
L-Aspartic Acid, A117
L-Cysteine, C204
L-Cystine, C248
L-Glutamic Acid, G399
L-Glutamine, G229
Glycine, G503
L-Leucine, L574
L-Lysine, L594
L-Maleic Acid, M471
L-Methionine, M539
L-Ornithine HCl, O626
L-Phenylalanine, P778
L-Proline, P698
L-Proline 2.5 M Solution, P6698
L-Serine, S807
L-Threonine, T857
L-Tryptophan, T851
L-Tyrosine, T873
L-Valine, V878



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Nutrients	
Macronutrients	Micronutrients
Ammonium Nitrate, A300	Aluminum Chloride, A127
Ammonium Phosphate, A113	Ammonium Chloride, A109
Ammonium Sulfate, A305	Ammonium Molybdate-Tetrahydrate, A112
Calcium Chloride, C266	Boric Acid, B210
Calcium Nitrate, C180	Calcium Carbonate, C558
Calcium Phosphate-Tribasic, C274	Calcium Chloride, C135
Calcium Silicate, C134	Calcium Chloride, C266
Magnesium Sulfate-Anhydrous, M150	Calcium Chloride-USP Grade, C625
Potassium Nitrate, P100	Cobalt Chloride, C350
Potassium Phosphate-Monobasic, P846	Cobalt Nitrate-Hexahydrate, C193
Sodium Metasilicate-Anhydrous, S7834	Cupric Sulfate, C375
	Cupric Sulfate-USP Grade, C628
	Ferric Ammonium Citrate, F374
	Ferric Chloride, F383
	Ferric Citrate, F352
	Ferric Sulfate, F388
	Ferrous Sulfate, F263
	Ferrous Sulfate-USP Grade, F629
	Iron Chelate, I331
	Iron Sulfate/Chelate Solution, F318
	Manganese Sulfate, M250
	Potassium Iodide, P840
	Sodium Molybdate (VI)-Dihydrate, M651
	Zinc Sulfate, Z101

Gelling Agents
Agars
Agar-High Purity, A175
Agar-Micropropagation Grade, A111
Agar-Micropropagation Grade, A296
Agargellan, A133
Carrageenans
Carrageenan, C257
Carrageenan-High Clarity, C2000
Gellan gums
Gellan Gum-Biotech Grade, G434
Gelzan®, G3251
Other gelling agents
Agarose, A110
Agarose-Low Gelling Temperature, A105
Agarose-SeaPlaque®-Low Gelling Temperature, A1315
Sodium Alginate, A108
Gelling Agent Sample Pack, G3500
Plant Defense
Acetylsalicylic Acid, A118
1-Aminocyclopropanecarboxylic Acid (ACC), A1180
2,6-Dichloroisonicotinic Acid (INA), D2181
flg22 Peptide, P6622
Hexanal, H3700
(Z)-3-Hexenol, H4000
King's B Medium, K5013
Methyl Jasmonate (MeJA), J389
Methyl Salicylate (MeSA), S7785
Salicylic Acid (SA), S7530
Salicylic Acid Sodium Salt, S7580



- ISO 9001:2008 standards of quality
- Lot-to-lot consistency
- Meet USP or ACS specifications
- Wide range and high purity
- Expertly-manufactured

Salts

Murashige & Skoog Macronutrient Salt Base, M502
 Murashige & Skoog Modified Basal Salt Mixture, M153
 Murashige & Skoog Modified Basal Salt Mixture, M290
 Murashige & Skoog Modified Basal Salt Mixture, M407
 Murashige & Skoog Modified Basal Salt Mixture, M531
 Murashige & Skoog Modified Basal Salt Mixture, M561
 Murashige & Skoog Modified Basal Salt Mixture, M571
 Schenk & Hildebrandt Modified Basal Salt Mixture, S806
 Murashige & Skoog Macronutrient Salt Base, M502
 Lloyd & McCown Woody Plant Modified Basal Salt Mixture, L444
 Murashige & Skoog Micronutrient Salt Base, M554
 Murashige & Skoog Macronutrient Stock Solution (10x), M654
 Murashige & Skoog Micronutrient Stock Solution (10x), M529
 MG Basal Salt Medium, M419
 Murashige & Skoog Basal Salt Mixture, M524
 Murashige & Skoog Basal Salt Mixture, Finer & Nagasawa Modification, M504
 Murashige & Skoog Basal Salt Mixture, van der Salm Modification, M5541
 Murashige & Skoog Macronutrient Salt Base, M502
 Murashige & Skoog Modified Basal Salt Mixture, M153
 Murashige & Skoog Modified Basal Salt Mixture, M290
 Murashige & Skoog Modified Basal Salt Mixture, M407
 Murashige & Skoog Modified Basal Salt Mixture, M499
 Murashige & Skoog Modified Basal Salt Mixture, M531
 Murashige & Skoog Modified Basal Salt Mixture, M561
 Murashige & Skoog Modified Basal Salt Mixture, M571



Carbohydrates

Cellobiose, C1842
 D-Fructose, F563
 D-(+) Glucose-Monohydrate, G360
 D-(+) Glucose-Anhydrous, G386
 D-Maltose, M588
 D-Mannitol, M562
 D-(+) Mannose, M486
 D-Sorbitol, S744
 D-Sucrose, S391
 D-Sucrose-Ultra-Pure, S829
 Trehalose Dihydrate, T7968

Molecular Biology Reagents

Acetosyringone, A104
 Acetosyringone Solution (100 mM) in DMSO, A1104
 Blue-Gal, X884
 Copper (II) Sulfate Solution (4% w/v), C466
 CTAB, H276
 DNA Denaturing Solution, D548
 DNA Neutralizing Solution, D544
 beta-Mercaptoethanol, M649
 MOPS, Free Acid, M631
 ONPG, N604
 DL-Phosphinothricin Solution (1 mg/mL), G523
 PNPG, N618
 Potassium Acetate Solution-3M, P671
 Potassium Ferrocyanide, P6826
 Sodium Dodecyl Sulfate (SDS), S844
 Trisodium Citrate Dihydrate, S663
 Triton X-100, T8100
 X-Gal, X874
 X-Gluc, Monocyclohexyl Ammonium Salt, X877
 X-Gluc Solution (20 mg/mL), X8451
 X-Gluc, Sodium Salt, X871

Buffers

Buffer Solution-pH 10.0, B237
 Buffer Solution-pH 4.0, B235
 Buffer Solution-pH 7.0, B236
 CHAPS, C526
 MES-Free Acid, M825
 MESA Buffer (10X), M572
 MOPS- Free Acid, M631
 PIPES, P711
 Sodium Phosphate-Dibasic, S745
 SSC Buffer Solution (20x), S716
 TAE Buffer Solution (50x), T769
 TBE Buffer Solution (5x), T773
 Tris Base, T838
 Tris Borate EDTA (TBE) Buffer, T831
 Tris EDTA (TE) Buffer, T855
 Tris Glycine (TG) Buffer, T814
 Tris Glycine SDS Buffer (5x), T821
 Tris Glycine SDS Buffer Solution, T749
 Tris HCl, T858
 Tris HCl Solution 1.0M, T764

- Seed Testing media formulations are taken from the International Seed Testing Association (ISTA) and the Association of Official Seed Analysts (AOSA) protocol.
- ISO 9001:2008 standards of quality
- Lot-to-lot consistency and high purity
- Meet USP or ACS specifications

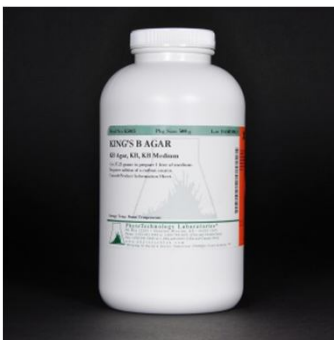
Seed Testing	
Media	Reagents
King's B Medium, K5013	Cellobiose, C1842
mD5A Medium, M5516	CTAB, H276
PhytoSelect Basal Medium, P6800	Gibberellic Acid, G500
Potato Dextrose Agar, P772	Guaiacol, G3574
Potato Dextrose Broth, P762	Hydrogen Chloride Solution 1.0 N, H245
Saline Solution (0.85%) w/ 0.2% Tween® 20, S7775	Lactic Acid, L5356
XTS Medium, X8454	Paclobutrazol, P687
	Polyethylene Glycol, PEG-8000, P741
	Potassium Sodium Tartrate, Tetrahydrate, P6780
	Saline Solution (0.85%) w/ 0.2% Tween® 20, S7775
	Thiourea, T7982
	Trehalose Dihydrate, T7968

Plant Tissue Culture Kits

- African Violet Multiplication Kit - A137
- Cape Sundew/Venus Fly Trap Tissue Culture Kit - C1835
- Carrot Tissue Culture Kit - C1955
- Fern Multiplication Kit - F354
- Hemp Multiplication Kit - C1850
- Hosta Multiplication Kit - H411
- Lily Multiplication Kit - L577
- Orchid, Epiphytic Seed Sowing Kit - O799
- Orchid, Terrestrial Seed Sowing Kit - O788
- Orchid Stem Propagation Kit - O755
- Potato Tissue Culture Kit - P6963

Equipments

- Books & Reference
- Clean Room Supplies
- Culture Vessels
- Molecular Biology Supplies
- Petri Dishes
- pH Measurement
- Sterilization Equipment
- Storage Supplies
- Media Preparation Supplies
- Tissue Preparation Equipment
- Instruments & Tools
- Weigh & Measure Equipment
- Other Equipment



One Solution For Common Contaminating Pathogens



Life Technologies India with its partner *PhytoTechnology* Laboratories, presents to you a one stop solution for all the common contaminating pathogens that affect plant tissue culture research.

PTC³ (Plant Tissue Culture Contamination Control) **Cat. No. P6820**

- **Broad spectrum biostat/fungistat**
- **Clear Liquid**
- **Sterile filtered**
- **Can be added to your media (0.2 - 2 mL/L)**
- **Can be added to media before and after autoclaving**